

Title: Outdoor Loudspeaker with Passive Radiator

Abstract

5 A loudspeaker with a sealed enclosure having an active driver and a
passive radiator mounted thereon is disclosed. The passive radiator is
mounted essentially centrally in a passive radiator aperture and is held in
place by a suspension which permits it to move in only a substantially linear
direction. The enclosure and diaphragm are formed together in an injection
molding process and the suspension is then co-molded between the
10 diaphragm and enclosure. The loudspeaker has a mounting bracket that
permits it be locked in a selected rotated position relative to the bracket.
The active driver may be provided with a reflector to produce an omni-polar,
or omni-directional, sound pattern.